



- NOTES:**
1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT LDC LTD DRAWINGS
 3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.

STRUCTURAL CONCRETE

4. STRUCTURAL CONCRETE TO BE AS FOLLOWS:
DESIGNATED MIX STRENGTH CLASS RC28/35 IN ACCORDANCE WITH BS 8500-1:2006 WITH MINIMUM CEMENT CONTENT OF 320kg/m³ AND MAXIMUM WATER CONTENT OF 0.55. ALL AGGREGATE TO BE IN ACCORDANCE WITH BS EN 12620:2002 WITH A 20mm MAXIMUM AGGREGATE SIZE. PERMITTED CEMENT COMBINATIONS CEM I + SR, CEMII/B-V+SR and CEMII/A+SR. TARGET CONSISTENCY S3.
5. NOMINAL COVER TO ALL REINFORCEMENT TO BE 40mm TO SHUTTERED FACES AND 75mm TO EXCAVATED FACES, UNLESS NOTED OTHERWISE
6. ALL HIGH YIELD REINFORCEMENT (H-BARS) TO BE GRADE B500B (DEFORMED TYPE 2 U.N.O). MINIMUM LAP LENGTH TO REINFORCEMENT TO BE 40xBAR Ø.
7. BOTTOM STEEL REINFORCEMENT TO BE SUPPORTED ON 50x50x40mm DEEP CONCRETE BLOCKS OR SIMILAR APPROVED BY THE ENGINEER. WIRED TO THE REINFORCEMENT. TOP LAYER OF REINFORCEMENT TO BE SUPPORTED ON CHAIRS APPROVED BY THE ENGINEER.
8. TYING WIRE TO BE 16g BLACK ANNEALED IRON WIRE.
9. SPACING OF REINFORCEMENT TO BE ADJUSTED LOCALLY AS REQUIRED IN PARTICULAR TO AVOID HOLES, POCKETS, SOCKETS, RECESSES AND HOLDING DOWN BOLTS.
10. ALL FORMED SURFACES TO HAVE A FINISH OBTAINED BY THE PROPER USE OF FORMWORK OR MOULDS OF TIMBER, PLYWOOD, PLASTICS, CONCRETE OR STEEL. EXCEPT WHERE NOTED OTHERWISE.
11. ALL UNFORMED SURFACES TO HAVE A FINISH OBTAINED BY TAMPING ACROSS THE FULL WIDTH OF THE SURFACE TO PRODUCE A UNIFORM TEXTURE, WITH UNIFORM RIDGES NOT EXCEEDING 6mm IN HEIGHT AND SLOPE NO MORE THAN 5mm IN 10m. THE SURFACE SHOULD THEN BE WORKED WITH A POWER FLOAT TO PRODUCE A SMOOTH UNIFORM FINISH FREE FROM FLOAT MARKS.
12. IMMEDIATELY AFTER LAYING, CONCRETE SHALL BE PROTECTED FROM RAIN, RAPID TEMPERATURE CHANGE, FROST AND FROM DRYING OUT. CONCRETE TEMPERATURE TO BE MAINTAINED ABOVE 5°C IN COLD WEATHER. THE METHODS USED SHALL BE IN ACCORDANCE WITH BS 8110 AND APPROVED BY THE ENGINEER.
13. THE CONTRACTOR SHALL MAKE A SET OF FOUR 150mm TEST CUBES FROM A SAMPLE TAKEN FROM A SINGLE BATCH FROM EACH 30m³ OF CONCRETE, OR FROM EACH DAYS SUPPLY IF LESS THAN THIS.
14. POLYCARBOXYLATE OR MELAMINE BASED SUPERPLASTICING ADMIXTURES PERMITTED, SUBJECT TO APPROVAL. NO NAPHTHALENE OR LIGNOSULFONIC BASED WATER REDUCING AGENTS OR RETARDERS PERMITTED.
15. THE CONCRETE SHALL BE DELIVERED WITHOUT UNDUE DELAYS BETWEEN LOADS. UNLESS OTHERWISE AGREED AT THE PRE-POUR MEETING A MAXIMUM DELAY OF 30 MINUTES BETWEEN THE TIMES OF ARRIVAL ON SITE OF SUCCESSIVE TRUCKS IS PERMITTED AND A MAXIMUM PERIOD FROM TIME OF BATCHING TO TIME OF PLACING OF 90 MINUTES IS ALLOWED. THE CONCRETE COMPANY IS TO RESOURCE THE POURS ADEQUATELY TO ENABLE THESE REQUIREMENTS TO BE MET.
16. ALL REINFORCEMENT TO STRIP AND PAD FOUNDATIONS TO BE 2No. LAYERS OF A393 MESH LAID IN TOP & BOTTOM FACE OF STRIP AND PAD FOUNDATIONS UNLESS NOTED OTHERWISE
17. REINFORCEMENT TO BE SPACED USING PROPRIETARY LATTICE SPACERS.

GROUND CONDITIONS

18. NO INVESTIGATION HAS BEEN CARRIED OUT ON THE SITE. GROUND CONDITIONS WILL BE ASSESSED ONCE CONSTRUCTION COMMENCES WITH ASSUMPTION MADE BELOW.
19. A SAFE GROUND BEARING PRESSURE OF 100kN/m² HAS BEEN USED IN THE DESIGN OF THE FOUNDATIONS.
20. ANY SOFT SPOTS OR DAMP AREAS ARE TO BE EXCAVATED AND REPLACED WITH C15 CONCRETE.

A	Foundation type amended
Rev	Date 24/05/2023
	Description

FOR TENDER ONLY


Longsight Design Consultancy Ltd
LONGSIGHT HOUSE, 25B SACKUP LANE, STAINCROSS
BARNLEY S75 5AX
TEL/FAX 01226 387123
EMAIL TONY.RUBING@LONGSIGHTDESIGN.CO.UK

Client	Nexus MAT	Client Project Ref.	West Riding School
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Site Address
West Riding School
Ardley Road
Worsborough Dale
Barnsley S70 4RS

Title
Phase 2 Extension
Sections

Scale @ A1	1:25	-	Drawn by	AR
Drawing Number	LDC22-108-04		Version	A